

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/053184 A1

(51) International Patent Classification⁷: **H04B 7/005, H04Q 7/36**

(74) Agent: JEPSEN, René, Pihl; Eltima Consulting, Shaftesbury Centre, Percy Street, Rodbourne, Swindon SN2 2AZ (GB).

(21) International Application Number:

PCT/EP2004/052008

(22) International Filing Date:

2 September 2004 (02.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0327798.5 28 November 2003 (28.11.2003) GB

(71) Applicant (for all designated States except US): MOTOROLA INC [US/US]; 1303 E.Algonquin Road, Schaumburg, Illinois 60196 (US).

(71) Applicant (for BW only): MOTOROLA LIMITED [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4DP (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WALLINGTON, Jonathan P [GB/GB]; 28 Beauley Road, Bristol Avon BS3 1PY (GB). MOLKDAAR, Davood [GB/GB]; 18 Westwood Gardens, Chandlers Ford, Eastleigh Hampshire SO53 1FN (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

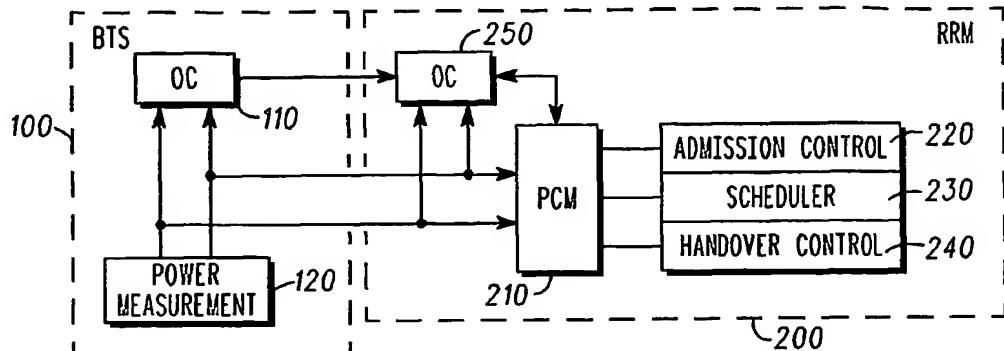
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RADIO RESOURCE MANAGEMENT



(57) Abstract: The present invention relates to radio resource management in a wireless communication system. Specifically, the present invention relates to a method and apparatus for a method of managing downlink radio resources for a multisector base transceiver site in which power can be shared between the sectors in which radio resource management decisions are made on the basis of modified reported power measurements.

WO 2005/053184 A1